

Approved For Release 2005/08/10 : CIA-RDP96-00990R000100060008-3

FIELD TELECOMMUNICATIONS OFFICER
MISSION SUPPORT REQUIREMENTS

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QUESTION:

**WHAT IS THE NUMBER OF TELECOMMUNICATIONS OFFICERS
REQUIRED TO SUPPORT MISSION FIELD COMMUNICATOR POSITIONS?**

- **DOMESTIC AND FOREIGN**
- **TWO-YEAR ASSIGNMENTS**
- **PERMANENT AND NON-PERMANENT SUPPORT**
- **ACCOUNTING FOR LEAVE, TRAINING, ETC.**

STAT



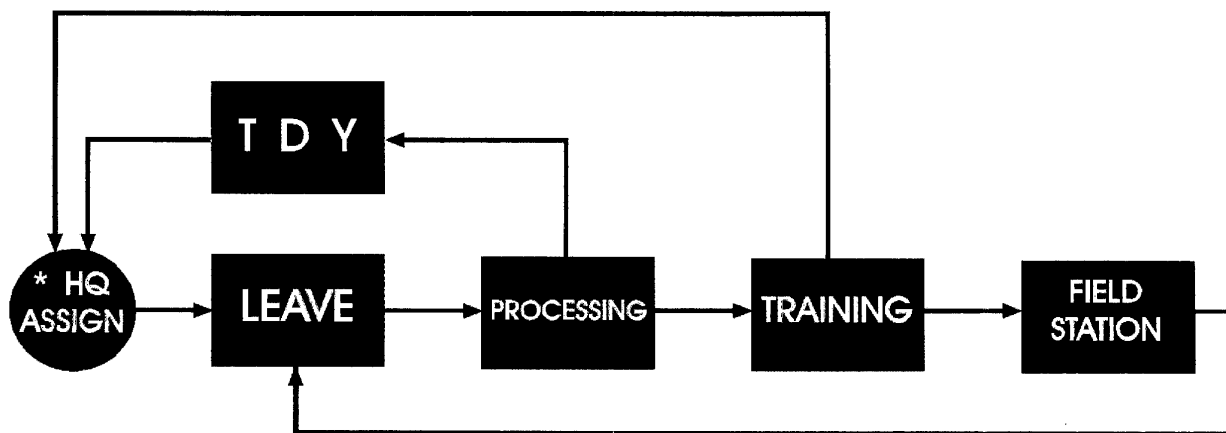
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OPERATOR YEAR

Flow Diagram



* Wash., D.C. or Area

OPERATOR YEAR

ONE MAN YEAR + LEAVE (ANNUAL, HOME, R&R) + TRAINING TIME +
PROCESSING TIME

= 52 WK + 5.2 WK + 1 WK + 1 WK

= 59.2 WK

FIELD STATION MAN YEARS

OPERATOR YEAR MULTIPLIED BY FIELD COMMUNICATOR POSITIONS
(LOCATIONS OF 2 SLOTS OR LESS) CONVERTED TO MAN YEARS +
REMAINING POSITIONS (MAN YEARS)

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STAT

LEAVE

WEIGHTED AVERAGE LEAVE PER YEAR, PER PERSON 5.2 WKS

- ACCRUED ANNUAL LEAVE, 4 WEEKS PER PERSON
- HOME LEAVE, 1 WEEK PER YEAR, PER PERSON
- R&R LEAVE, .7 WEEK PER YEAR, PER PERSON

STAT

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DOMESTIC FIELD (FY94)

FOREIGN FIELD (FY94)

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EXPANDED MODEL

- CRITICAL SUPPORT
 - LOGISTICS
 - UES
 - ELECTRONICS SPECIALISTS
 - SOFTWARE SPECIALISTS
- OVERTIME VS MAN YEAR REQUIREMENTS
- PERSONNEL MIX VS POSITION REQUIREMENTS
- PRESENT STAFFING VS PERSONNEL MIX REQUIREMENTS
 - SKILLS
 - DEMOGRAPHICS
 - ETHNICITY
 - GENDER
- ATTRITION, EARLY OUT, INCENTIVES VS PERSONNEL REQUIREMENTS
- INCREASE MODEL GRANULARITY

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APPROACH

DEVELOP A CLOSED FORM MODEL FOR NEAR-TERM SOLUTIONS

- **BASED UPON HISTORICAL DATA**
- **AUTOMATED DATA BASES**
- **MANUAL MODEL**

IMPLEMENT A DISCREET EVENT MODEL FOR LONG-TERM USE

- **STRUCTURAL & STATISTICAL--NOT DATA DEPENDENT**
- **PREDICTIVE**
- **AUTOMATED, PC WITH OFF-THE-SHELF SOFTWARE**